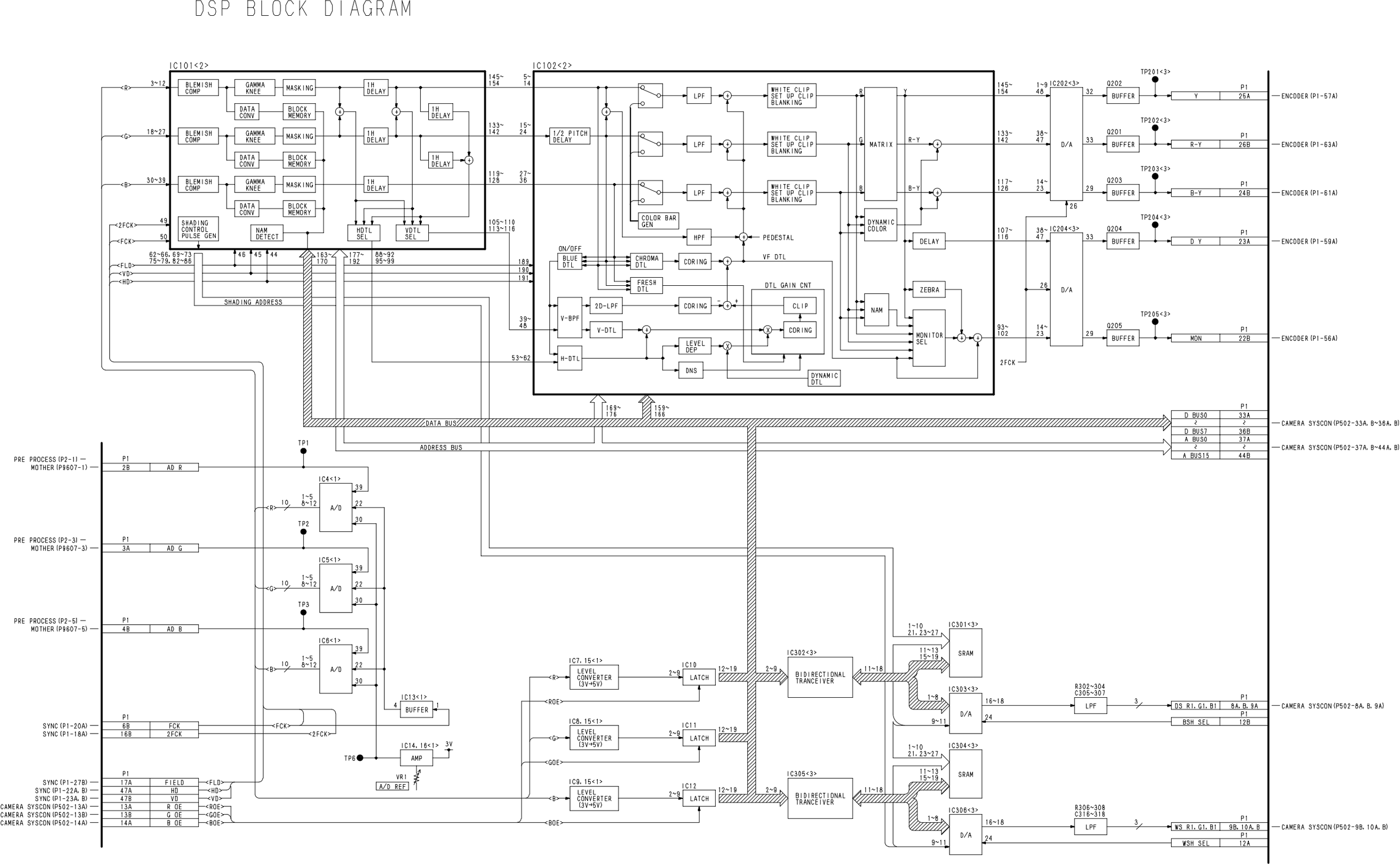DSP BLOCK DIAGRAM